

CHAPTER 5

Conclusion

CHAPTER FIVE

CONCLUSION

From this study, it can be concluded that:

- (1) 3 compounds were isolated from *H. longifolium* namely 3-phenylisocoumarin, 5-hydroxy-2-[0- β -D-glucosyl] benzyl alcohol and 3-phenyl-6-[0- β -D-glucosyl] isocoumarin.
- (2) The *in vitro* photosensitising study showed that only 3-phenylisocoumarin was the significant phototoxic compound against *C. utilis*, *A. tumefaciens* and *P. vulgaris*.
- (3) None of the test samples from this plant showed phototoxic reaction in the *in vivo* study.